

Notice of Allowability

Application No.

10/655,691

Examiner

CongVan Tran

Applicant(s)

ABROL ET AL.

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/05/03.
2. ☒ The allowed claim(s) is/are 1-36.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

CONGVAN TRAN
PRIMARY EXAMINER

CongVan Tran
Primary Examiner
Art Unit: 2617

DETAILED ACTION

Drawings

1. The drawings were received on Sept 05, 2003. Examiner accepts these drawings.

Allowable Subject Matter

2. Claims 1-36 are allowed.
3. The following is an examiner's statement of reasons for allowance:

Regarding claims 1, 10, and 21, although, the prior arts disclose a communication buffer in a local host comprising: receiving from the remote host a received message having a received message identifier therein; determining whether the communication buffer is in a predetermined buffer state. However, none of them teach, a portion of committed memory storing a transmitted message copy; if the communication buffer is in a predetermined buffer state, then storing the received message; if the communication buffer is not in a predetermined buffer state, then designating the received message identifier as a release identifier; and denominating as free memory the portion of committed memory storing the transmitted message copy associated with the release identifier as specifically described in claimed.

Regarding claim 29, although, the prior arts disclose a telecommunication system comprising: receiving, from a remote host by a local host. However, none of them teach, the selected memory location being reversibly write-inhibited; monitoring the communication buffer for a predetermined buffer state; and if the communication buffer is in the predetermined buffer state, then reversibly write-enabling the selected memory

location in which the selected previously unacknowledged message indicated by the acknowledgement sequence number is stored as specifically described in claimed.

Regarding claim 30, although, the prior arts disclose a telecommunication system comprising: memory adapted to buffer copies of ordered messages transmitted to a remote device over a packet-switched network. However, none of them teach, differential processing memory controller configured to examine the response indicant, responsive to a preselected memory state, wherein the response indicant acknowledges copies in selected committed memory, wherein the memory controller denominates selected memory associated with the response indicant as free memory, the free memory being reversibly write-enabled; and wherein the memory and differential processing memory controller are constituents of a mobile wireless communication device as specifically described in claimed.

Claims 2-9, 11-20, 22-28, 31-36 are allowed as being dependent on independent claims 1, 10, 21, and 30.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CongVan Tran whose telephone number is 571-272-7871. The examiner can normally be reached on Monday-Thursday.

Art Unit: 2617

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Bank can be reached on 571-272-7876. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


CONGVANTRAN
PRIMARY EXAMINER

CongVan Tran
Primary Examiner
Art Unit 2617

Dec. 20, 2006